

# Longitude decimal degrees XN[NN][.N(9)]

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# Longitude decimal degrees XN[NN][.N(9)]

## Identifying and definitional attributes

<b>Metadata item type:</b>	Value Domain
<b>METEOR identifier:</b>	430400
<b>Registration status:</b>	<a href="#">Aged Care</a> , Standard 30/06/2023 <a href="#">Community Services (retired)</a> , Standard 06/02/2012 <a href="#">Disability</a> , Standard 13/08/2015 <a href="#">Health</a> , Standard 05/10/2016 <a href="#">Housing assistance</a> , Standard 01/05/2013
<b>Definition:</b>	A numeric measurement of longitude in decimal degrees.

## Representational attributes

<b>Representation class:</b>	Identifier
<b>Data type:</b>	Geospatial
<b>Format:</b>	XN[NN][.N(9)]
<b>Maximum character length:</b>	13
<b>Unit of measure:</b>	Decimal degree
<b>Unit of measure precision:</b>	0

## Collection and usage attributes

<b>Guide for use:</b>	<p>The 'X' in the longitude format symbolises the designator symbol "+" or "-" and should be placed prior to the first number.</p> <p>The designator symbol for longitudes east of Greenwich are positive and shall be designated by use of the plus sign (+), while longitudes west of Greenwich are negative and shall be designated by use of the minus sign (-). The Prime Meridian shall be designated by use of the plus sign (+). The 180th meridian shall be designated by use of the minus sign (-).</p> <p>The format XN[NN][.N(9)] allows for 1, 2 and 3 digit longitudes (ie. degrees) with the option of 0 to 9 decimal places (i.e. decimal degrees).</p>
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Usage examples:

- +149.091360569
- +2
- -50.321-

## Source and reference attributes

<b>Submitting organisation:</b>	Australian Institute of Health and Welfare
<b>Origin:</b>	Standards Australia/Standards New Zealand 2008. AS/NZS ISO6709:2008—Standard representation of latitude, longitude and altitude for geographic point locations. Sydney/Wellington: Standards Australia/Standards NZ.  Standards Australia 2006. AS 4590—2006 Interchange of client information. Sydney: Standards Australia.

## Relational attributes

**Data elements  
implementing this value  
domain:**

[Address—geocode longitude, decimal degrees XN\[NN\]\[.N\(9\)\]](#)

[Aged Care](#), Standard 30/06/2023

[Community Services \(retired\)](#), Standard 06/02/2012

[Disability](#), Standard 13/08/2015

[Health](#), Standard 05/10/2016

[Housing assistance](#), Standard 01/05/2013